

Requested Patent: EP0985998A3

Title: CONVERTIBLE WEARABLE COMPUTER ;

Abstracted Patent: EP0985998 ;

Publication Date: 2000-03-15 ;

Inventor(s): JENKINS MICHAEL D (US) ;

Applicant(s): XYBERNAUT CORP (US) ;

Application Number: EP19990304517 19990609 ;

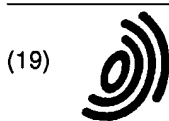
Priority Number(s): US19980151841 19980911 ;

IPC Classification: G06F1/16 ;

Equivalents: AU714935, CN1248020, JP2000099183, KR2000022618, TW429342 ;

ABSTRACT:

This invention involves a hands-free wearable computer (1) that contains an expandable keyboard (4, 5, 6) and a display (2) integral with its housing. The wearable computer can be used, therefore, either as a hands-free wearable computer or as a small laptop computer with a normal size keyboard. The keyboard is integral with the top of the computer housing and can be folded away when the computer is voice activated, and folded out when the computer is used as a laptop.



(19)

Europäisches Patentamt
European Patent Office
Office européen des brevets



(11)

EP 0 985 998 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
25.04.2001 Bulletin 2001/17

(51) Int Cl.7: G06F 1/16

(43) Date of publication A2:
15.03.2000 Bulletin 2000/11

(21) Application number: 99304517.8

(22) Date of filing: 09.06.1999

(84) Designated Contracting States:
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE
Designated Extension States:
AL LT LV MK RO SI

(71) Applicant: **Xybernaut Corporation**
Fairfax, Virginia 22033 (US)

(72) Inventor: **Jenkins, Michael D.**
Burke, Virginia 22015 (US)

(30) Priority: 11.09.1998 US 151841

(74) Representative: **Goode, Ian Roy**
22 Great Austins
Farnham, Surrey GU9 8JQ (GB)

(54) Convertible wearable computer

(57) This invention involves a hands-free wearable computer (1) that contains an expandable keyboard (4, 5, 6) and a display (2) integral with its housing. The wearable computer can be used, therefore, either as a

hands-free wearable computer or as a small laptop computer with a normal size keyboard. The keyboard is integral with the top of the computer housing and can be folded away when the computer is voice activated, and folded out when the computer is used as a laptop.

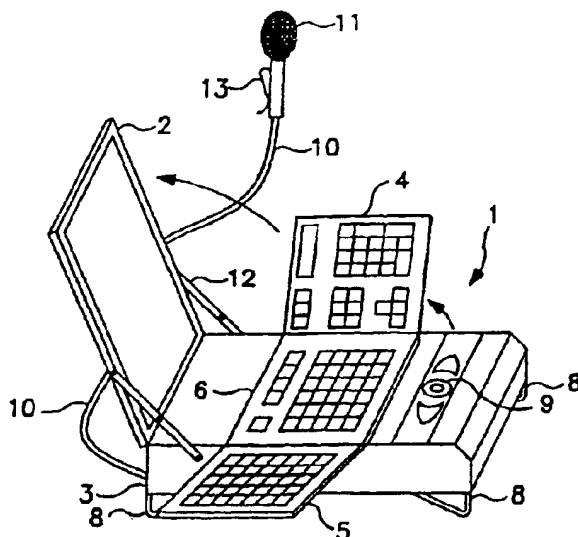


FIG. 3

EP 0 985 998 A3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 99 30 4517

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	WO 96 24093 A (APPCON TECHNOLOGIES INC) 8 August 1996 (1996-08-08) * page 3, paragraph 1 * * page 3, paragraph 4 * * page 4, paragraph 2 * * page 7, paragraph 4 * * page 9, paragraph 2 * * page 11, paragraph 1 - paragraph 2 *	1,2,7,8	G06F1/16
X	WO 98 02312 A (CHAN YU LEUNG) 22 January 1998 (1998-01-22) * page 11, line 1 - page 12, line 3; figures 3-5 *	10	
A	---	1	
A	EP 0 767 417 A (XYBERNAUT CORP) 9 April 1997 (1997-04-09) * the whole document *	1,7-9	
D,A	EP 0 825 515 A (XYBERNAUT CORP) 25 February 1998 (1998-02-25) * column 3, line 16 - line 31 * * column 14, line 33 - column 15, line 16 *	1	TECHNICAL FIELDS SEARCHED (Int.Cl.7)
A	PATENT ABSTRACTS OF JAPAN vol. 1995, no. 04, 31 May 1995 (1995-05-31) & JP 07 013658 A (TOSHIBA CORP;OTHERS: 01), 17 January 1995 (1995-01-17) * abstract *	4	G06F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 6 March 2001	Examiner Baillas, A
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document	

EPO FORM 1503 03 82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 99 30 4517

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

06-03-2001

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
WO 9624093	A	08-08-1996	AU	4965396 A	21-08-1996
WO 9802312	A	22-01-1998	AU	3722197 A	09-02-1998
EP 0767417	A	09-04-1997	CA	2182239 A	03-04-1997
			CN	1149157 A	07-05-1997
			JP	9114543 A	02-05-1997
			US	5844824 A	01-12-1998
EP 0825515	A	25-02-1998	US	5719743 A	17-02-1998
			AU	710582 B	23-09-1999
			AU	1623897 A	19-02-1998
			AU	720452 B	01-06-2000
			CA	2198526 A	16-02-1998
			CN	1174356 A	25-02-1998
			JP	10091280 A	10-04-1998
			US	5719744 A	17-02-1998
JP 07013658	A	17-01-1995	NONE		

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82